

ABSTRACT OF DISCLOSURE

Method and apparatus for sensing the overall and/or distribution of fuel weight disposed on the top surface of the grate of a grate-fired device and adjusting the fuel infeed as a function of the flow rate of steam generated by the boiler. A plurality of weight sensors are disposed remote from the grate at selected locations associated with the support for the grate and which provide signals which are convertible to useful representations of the overall weight and/or the distribution of fuel weight over the top surface of the grate in real time and independent of the forward movement of the grate and associated changes in the weight of the fuel on the grate at a given time.

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